



# Automatic Film Applicator Compact

**AB3652**

Entry level film applicator that accepts charts up to A4 size.

The AFA Compact is an entry level film applicator that accepts charts up to A4 size. Application speed can be set from 1 to 150 mm/s. The Compact is suitable for both wire bar applicators and block applicators. Operating is easy through the standard TQC Sheen operating interface. The AFA Compact is available with a glass bed or a perforated vacuum bed.

### Features:

- Charts up to A4 size max
- Application speed 1/150 mm/s
- Application speed infinitely adjustable
- Compatible with a large range of application tools
- Easy intuitive operating interface with Triple i Control (Intelligent Illumination Interface)
- Removable Drip Pan
- Safe 24 V powered
- Exchangeable bed

### Standards

ASTM D823

### Scope of Supply:

#### AB3652

- Automatic Film Applicator Compact
- 24 V Adapter
- Paper Holder
- Drip Pan
- Weight
- Manual

#### AB3670

- Glass Bed
- Rubber Mat

#### AB3653

- Vacuum Bed
- Hose, 1 m

### Technical Specification:

<b>Traverse speed:</b>	1–150 mm/s / 0.03–5.90 "
<b>Traverse speed accuracy:</b>	<1%
<b>Stroke length:</b>	250 mm/9.84 "
<b>Stroke length accuracy:</b>	<1mm (0,025mm/step)/<0.03 "
<b>Max. test chart size:</b>	DIN A4
<b>Max. test substrate thickness:</b>	8 mm/0.31 " incl. coating
<b>Max. width alter. film app:</b>	200 mm/7.87 "
<b>Max. test panel size: (height is incl. coating)</b>	300x200x8 mm/ 11.81x7.87x0.31 "
<b>Max. height alter. film app:</b>	40 mm/1.57 "
<b>Min. Wire bar length:</b>	>220 mm/>8.66 "
<b>Wire bar diameter:</b>	6–12,7 mm/0.23–0.5 "
<b>Volume drip pan:</b>	30 ml
<b>Drawn down speeds:</b>	1–150 mm/s free selectable
<b>Min. required vacuum:</b>	-100 mbar
<b>Diameter vacuum holes:</b>	1.3 mm/0.05 "
<b>Distance between holes:</b>	22 mm/0.86 "
<b>Number of vacuum holes:</b>	117
<b>Vacuum connection:</b>	6 mm/0.23 " quick connect
<b>Dimensions and Weight</b>	
<b>Depth:</b>	335 mm/13.18 "
<b>Width:</b>	400 mm/15.74 "
<b>Height:</b>	190 mm/7.48 "
<b>Net weight:</b>	12,5 kg/27.55 lbs
<b>Basic Unit</b>	
<b>Power supply:</b>	24 V DC
<b>Power consumption:</b>	Max. 40 Watt
<b>Display:</b>	128x64 pixels graphic, 70x40 mm white illuminated
<b>Menu languages:</b>	English
<b>Control:</b>	5-key navigation switch

## Ordering Information:

Catalog Number	Article Description
AB3652	Automatic Film Applicator Compact
AB3670	Glass Bed – Rubber Mat
AB3653	Vacuum Bed – Hose, 1 m

## Accessories/Optional Items:

### Catalog Number Article Description

#### Vacuum Pumps

AB3675	Vacuum Pump, 23l/min, 1750rpm 115VAC
AB3676	Vacuum Pump, 18l/min, 1450 rpm 230 V AC

#### Optional Weight

AB3680	Optional Weight 250 g
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#### Wire Bar Coaters

AB3720	4 µm, film width 230 mm, total width 290 mm
AB3721	6 µm, film width 230 mm, total width 290 mm
AB3722	8 µm, film width 230 mm, total width 290 mm
AB3723	10 µm, film width 230 mm, total width 290 mm
AB3724	12 µm, film width 230 mm, total width 290 mm
AB3725	14 µm, film width 230 mm, total width 290 mm
AB3726	16 µm, film width 230 mm, total width 290 mm
AB3727	20 µm, film width 230 mm, total width 290 mm
AB3728	24 µm, film width 230 mm, total width 290 mm
AB3729	30 µm, film width 230 mm, total width 290 mm

## Accessories/Optional Items:

### Catalog Number Article Description

#### Wire Bar Coaters

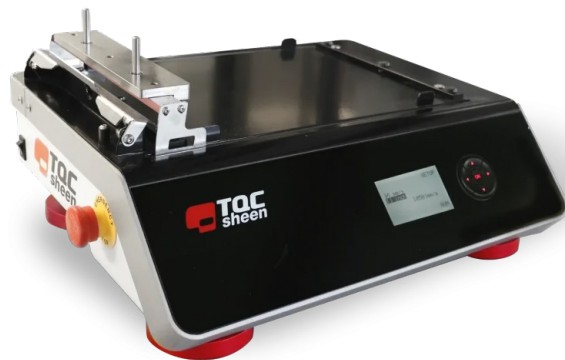
AB3730	34 µm, film width 230 mm, total width 290 mm
AB3731	38 µm, film width 230 mm, total width 290 mm
AB3732	40 µm, film width 230 mm, total width 290 mm
AB3733	50 µm, film width 230 mm, total width 290 mm
AB3734	56 µm, film width 230 mm, total width 290 mm
AB3735	60 µm, film width 230 mm, total width 290 mm
AB3736	76 µm, film width 230 mm, total width 290 mm
AB3737	100 µm, film width 230 mm, total width 290 mm
AB3738	120 µm, film width 230 mm, total width 290 mm
AB3739	150 µm, film width 230 mm, total width 290 mm
AB3740	200 µm, film width 230 mm, total width 290 mm
AB3741	Microns on request, film width 230 mm, total width 290 mm
AB3742	Plain polished, film width 230 mm, total width 290 mm

## Spare Parts:

Catalog Number	Article Description
AB3670	Spare Glass Bed for Automatic Film Applicator Compact
AB3667	Spare Vacuum Bed for Automatic Film Applicator Compact
AB3670	Spare Glass Bed for Automatic Film Applicator Compact
AB3657	Spare Drip Pan
AB3662	Spare Paper Support

A large range of applicators are suitable for the Automatic Film Applicator Compact.

For more information about the applicators we refer you to our website [www.tqcsheen.com](http://www.tqcsheen.com)



## Special Care:

- Always clean the instrument after use
- Do not use compressed air to clean the instrument
- Never perform repairs or service to the instrument yourself. This should be done by TQC or selected distributors



### Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

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